

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Defense Information Systems Agency	Date: February 2018
---	----------------------------

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0208045K / <i>C4I Interoperability</i>
---	---

COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	694.448	56.481	59.490	62.814	-	62.814	61.074	68.127	63.026	64.603	Continuing	Continuing
T30: <i>MRTFB Test and Evaluation</i>	160.235	14.069	7.732	7.809	-	7.809	7.664	7.825	7.824	8.042	Continuing	Continuing
T40: <i>Major Range Test Facility Base Operations</i>	534.213	42.412	51.758	55.005	-	55.005	53.410	60.302	55.202	56.561	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Information Systems Agency's Joint Interoperability Test Command (JITC) serves as the only joint element of the Department of Defense's (DoD's) Major Range and Test Facility Base (MRTFB) that is operated primarily for Information Technology and National Security Systems (IT/NSS) Test and Evaluation (T&E) support missions. JITC executes the T&E mission in support of Command, Control, Communications, Computers and Intelligence (C4I), and is the DoD's Sole Interoperability Certifier and the only Non-Service Operational Test Agency.

With a focus on T&E for IT, JITC has the unique mission to provide consistent, structured, and effective T&E services that include converged information environment, Cyber, Cloud services, Mobility and NSS. JITC also has the responsibility for ensuring Joint/Coalition interoperability; issuing interoperability certifications; conducting operational evaluations; maintaining a federated IT infrastructure as a MRTFB activity and providing direct interoperability support to the warfighter by ensuring Joint warfighting capabilities are interoperable and support mission needs.

B. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	57.501	59.490	60.649	-	60.649
Current President's Budget	56.481	59.490	62.814	-	62.814
Total Adjustments	-1.020	0.000	2.165	-	2.165
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-1.020	0.000	2.165	-	2.165

Change Summary Explanation

The decrease of -\$1.020 in 2017 is the result of increased use of virtualization and cloud technologies to provide automation and services.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Defense Information Systems Agency		Date: February 2018
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	
The increase of +\$2.165 in FY 2019 will provide increased infrastructure, network bandwidth, and instrumentation to support development and testing of enterprise systems and Cyber capabilities in a replicated Department of Defense Information Network (DoDIN) environment.		

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency										Date: February 2018		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability				Project (Number/Name) T30 / MRTFB Test and Evaluation			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
T30: MRTFB Test and Evaluation	160.235	14.069	7.732	7.809	-	7.809	7.664	7.825	7.824	8.042	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Information Systems Agency (DISA), through the Joint Interoperability Test Command (JITC), manages the Department's Interoperability Test, Evaluation, and Certification process that is structured to provide meaningful and independent test results in order to increase stakeholder confidence. The objectives, of the Test and Evaluation (T&E) activities, are to validate that DISA's (and the Department's, where appropriate) deliverables have met operational requirements. The T&E activities target evaluation strategies in the design, development, operational, integration and/or sustainment aspects of every program requiring support. DISA's T&E efforts span a variety of test categories supporting DISA's delivery of Department-wide enterprise solutions as well as Service, Agency, and mission partner developmental, operational, Information Assurance, and interoperability testing, validation and certification efforts. These efforts are focused on T&E for Information Technology (IT) that includes the Joint Information Environment (JIE), Cyber, Cloud services, and Mobility.

As the Department of Defense (DoD) Joint Interoperability Certification Authority, JITC annually:

- Issues hundreds of interoperability testing and certification related products.
- Manages the scheduling and executes multiple annual distributed Joint Tactical Data Link hardware in the loop interoperability test events. These events are designed to evaluate, certify and re-certify Service/Agency Tactical Data systems.
- Reviews hundreds of Joint Capabilities Integration and Development System documents, interoperability support plans and Legacy Waiver requests on behalf of the DoD Chief Information Officer (CIO) and the Joint Staff.
- Serves as executive agent to DoD Interoperability Steering Group, in support of the DoD CIO, and uses this forum to coordinate policy, adjudicate issues, and to process Interim Certificates to Operate.
- Ensures interoperability test and certification standard practices and procedures are in accordance with DoD policy, and reviews and issues over 600 Joint interoperability certifications annually for DoD's Information Technology and National Security Systems (IT/NSS).
- Manages the scheduling and prioritization of multiple annual distributed Joint Tactical Data Link simulated test events using real components (hardware in the loop interoperability test events) designed to evaluate, certify and re-certify Service/Agency Tactical systems.

JITC provides interoperability test support to Joint, Coalition and Allied operations in theater by providing Interoperability test support within the area of responsibility and supports exercises intended to evaluate Joint, Coalition and Allied operations in, or planning to deploy to theater by:

- Providing on-demand rapid response contingency support to Regional Combatant Commands (COCOMs) as required, and conducting assessments of interoperability exercises.
- Conducting assessments during one of the largest interoperability exercises (the Endeavors).
- Broadening its support to the Joint Staff and functional COCOMs with a multitude of interoperability assessment services.
- Maintaining a 24x7 Warfighter Command, Control, Communications, Computers and Intelligence (C4I) Interoperability Hotline that connects warfighters to subject matter experts to resolve IT interoperability challenges.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency		Date: February 2018		
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T30 / MRTFB Test and Evaluation		
<ul style="list-style-type: none">Establishing the framework for the conduct of annual independent evaluations and the status of interoperability through DoD Interoperability Communications Exercises (DICE).Emulating a distributed Joint Task Force network, providing realism and operational significance during the assessments and evaluations of data integrity, interfacing and responsiveness coupled with efficient configuration tactics, techniques, and procedures.Including first responder local and federal communications as part of the task force. <p>As the only non-Service Operational Test Agency (OTA) within DoD, JITC conducts operational testing of IT/NSS under realistic conditions to determine the operational effectiveness, suitability, interoperability, and security; and independently assesses the operational impact of system issues on mission accomplishment. JITC is the OTA for DISA-managed programs, and also upon request serves as the OTA for other Agencies such as the Defense Logistics Agency, Department of Homeland Security, and the National Security Agency.</p> <p>JITC designs Operational Test and Evaluation (OT&E) events to determine if IT/NSS meet user requirements, offering sustaining support services to users to assist Acquisition Program Managers with meeting their overall milestone objectives.</p> <p>JITC focuses its efforts towards core T&E improvements, better T&E policy for IT/NSS and designing new test methodologies to better assess Enterprise Service systems, aligning with the Information Technology Service Management model evaluating fulfillment services for suitability.</p> <p>The T&E project supports the strategy development and investment plans in support of maintaining, improving and operating the DISA Major Range and Test Facility Base (MRTFB). Specific goals for DISA's MRTFB each year are to:</p> <ul style="list-style-type: none">Integrate evolving technologies that are able to leverage efficiencies such as virtualization, enterprise elements such as Infrastructure as a Service and Platform as a Service, and the foundational Cyber assets mandated by the JIE.Expand test infrastructure and operations to allow for rapid, on-demand provisioning, and federation across the DoD and Cyber integration with enterprise environments.Design consistent, repeatable test methodologies that ensure efficient T&E on changing or emerging technologies.Provide T&E guidance/oversight to nearly 130 DISA programs, creating synergy and efficiencies across the large DISA IT portfolio, gaining insight in new technologies and commercial best practices.				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018	FY 2019
Title: DoD's Joint Interoperability Certification Authority		13.149	6.812	6.889
Description: Plans and executes interoperability certifications for Department of Defense's (DoD)) Information Technology and National Security Systems (IT/NSS) by evaluating joint military operations, conformance to standards, and participating in developmental testing or executing purposefully planned Interoperability Test Events.				
FY 2018 Plans:				

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency		Date: February 2018		
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T30 / MRTFB Test and Evaluation		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018	FY 2019
Increase customer accessibility through enhanced T&E capabilities by employing automation technologies via the cloud in a self-service mode. Continue to reduce risk and identify/analyze trends by employing new technology and methodology to conduct data analysis in the operational environment. The reduction of -\$6.337 from FY 2017 to FY 2018 is due to realignment between T30 MRTFB Test & Evaluation and T40 Major Range Test Facility Base Operations to improve the expansion of automation and virtualization capabilities of DISA IT testing and evaluation services. FY 2019 Plans: Continue to evolve customer accessibility through enhanced T&E capabilities by employing automation technologies to include cloud services. Continue to reduce risk and identify/analyze trends by employing new technology and methodology to conduct data analysis in the operational environment. FY 2018 to FY 2019 Increase/Decrease Statement: The increase of +\$0.077 from FY 2018 to FY2019 will enable refresh and modernization of T&E infrastructure and instrumentation tools that support test and evaluation of Cyber, Cloud Mobility and Enterprise capabilities.				
Title: Operational Test and Evaluation Description: Conduct operational testing of IT/NSS under realistic operational conditions to determine the operational effectiveness, suitability, interoperability, and security of a particular system. Independently assesses the operational impact of system issues on mission accomplishment. FY 2018 Plans: Will continue to enhance OT&E processes, procedures, and tools by increasing automation and utilizing virtualization as needed, to better evaluate performance and to improve operational testing capabilities for evolving requirements. Will continue to provide OT&E support to COCOMs, Military Services, and Defense Agencies as requested. FY 2019 Plans: Will continue to enhance OT&E processes, procedures, training, and tools by increasing automation, data collection and management, and better analysis utilizing virtualization to better evaluate performance and to improve operational testing capabilities for evolving requirements. Will continue to provide OT&E support to COCOMs, Military Services, and Defense Agencies as requested.		0.800	0.800	0.800
Title: Support to Warfighter Description: Provides pre/post-production evaluations including: collecting relevant data during a continuous monitoring effort, and providing on-the-spot evaluations of problem areas and viable mission-oriented solutions to warfighting COCOMs during exercises and contingency operations.		0.120	0.120	0.120

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency		Date: February 2018	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T30 / MRTFB Test and Evaluation	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018
FY 2018 Plans: Support will continue to be focused primarily on the Asia Pacific region, consistent with the National Defense Strategy. Will sustain a Warfighter Support capability sufficient to respond to critical fielded system issues only.			
FY 2019 Plans: Support will continue to be focused primarily on the Asia Pacific region, consistent with the National Defense Strategy. Will sustain a Warfighter Support capability sufficient to respond to critical fielded system issues only.			
Accomplishments/Planned Programs Subtotals		14.069	7.732
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
T&E Mission Support Services (MSS) cost plus and firm fixed price contract provides T&E support by performing a wide range of non-personal services to encompass testing, scientific, engineering, logistic, administrative, and ancillary support of the DISA T&E missions. The T&E MSS contract provides for expansion and contraction of staff years as workload dictates.			
E. Performance Metrics			
JITC manages the Department's Joint Interoperability Test, Evaluation, and Certification process and Operational testing for Information Technology (IT)/National Security Systems (NSS) as well as test and evaluation activities for DISA's deliverables ensuring they have met operational requirements. JITC develops test and evaluation strategies, plan, and reports in the design, development, operational, integration and/or sustainment aspects of every program requiring support. Specific metrics are described below:			
1. Metric: Provide operational test plans prior to the start date of a test for all customers where JITC is the OTA. Measure/Goal: 90% FY17 Actual: 100% FY18 Target: 90% FY19 Target: 90%			
2. Metric: Provide operational test reports no later than 60 days after the completion of a test event when JITC is the responsible OTA. Measure/Goal: 90% FY17 Actual: 82.4% FY18 Target: 90%			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency		Date: February 2018
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / <i>C4I Interoperability</i>	Project (Number/Name) T30 / <i>MRTFB Test and Evaluation</i>
<p>FY19 Target: 90%</p> <p>3. Provide a interoperability certification letter to customers (JS, COCOMS,AT&L, etc) no later than 60 days from the completion of the test event/effort. Measure/Goal: 95% FY17 Actual: 82.7% FY18 Target: 80% FY19 Target: 80%</p> <p>4. JITC surveys customers for each product that is delivered (POA&Ms, test Plans, Test Reports, etc.) in terms of cost, schedule, and overall performance on a 1-5 scale with 5 being the highest rating. Measure/Goal: 4.5 FY17 Actual: 4.5 FY18 Target: 4.5 FY19 Target: 4.6</p>		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Systems Agency												Date: February 2018			
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability				Project (Number/Name) T30 / MRTFB Test and Evaluation					
Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	C/T&M	Northop Grumman Mission System : FT Huachuca, AZ	36.487	-		-		-		-		-	Continuing	Continuing	-
Test and Evaluation	C/T&M	Interop Joint Venture : FT Huachuca, AZ	44.342	-		-		-		-		-	Continuing	Continuing	-
Test and Evaluation	C/T&M	Northop Grumman Technology : FT Huachuca, AZ	25.831	-		-		-		-		-	Continuing	Continuing	-
Test and Evaluation	C/Various	Various : Various	15.076	-		-		-		-		-	Continuing	Continuing	-
Test and Evaluation	Option/CPFF	ALION SCIENCE & TECH CORP : Various	0.004	0.004	Oct 2016	0.006	Oct 2017	0.010	Oct 2018	-		0.010	Continuing	Continuing	-
Test and Evaluation	Option/CPFF	AMERICAN SYSTEMS CORP : Various	0.066	0.063	Oct 2016	0.075	Oct 2017	0.080	Oct 2018	-		0.080	Continuing	Continuing	-
Test and Evaluation	Option/CPFF	MANTECH TELECOMMUNICATIONS AND INFORMATION : Various	0.293	0.277	Oct 2015	0.290	Oct 2017	0.305	Oct 2018	-		0.305	Continuing	Continuing	-
Test and Evaluation	Option/CPFF	OBERON ASSOCIATES : Various	0.056	0.053	Oct 2016	0.061	Oct 2017	0.072	Oct 2018	-		0.072	Continuing	Continuing	-
Test and Evaluation	Option/CPFF	TASC, INC : Various	0.776	1.111	Oct 2016	1.115	Oct 2017	1.132	Oct 2018	-		1.132	Continuing	Continuing	-
Subtotal			122.931	1.508		1.547		1.599		-		1.599	Continuing	Continuing	N/A

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Systems Agency												Date: February 2018			
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability				Project (Number/Name) T30 / MRTFB Test and Evaluation					
Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Managment Services	C/Various	Defense Information Systems Agency : Various	37.304	12.561	Oct 2016	6.185	Oct 2017	6.210	Oct 2018	-		6.210	Continuing	Continuing	-
Subtotal			37.304	12.561		6.185		6.210		-		6.210	Continuing	Continuing	N/A
			Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			160.235	14.069		7.732		7.809		-		7.809	Continuing	Continuing	N/A
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2019 Defense Information Systems Agency **Date:** February 2018

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T30 / MRTFB Test and Evaluation
--	--	---

	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MRTFB Test and Evalauationb																												
Provide Operational Test & Evaluation (OT&E) of DISA acquired systems																												
Conduct Joint interoperability test and certification on IT/NSS using the Joint Family of Tactical Data Link (TDL)																												
Operate 24/7 Interoperability Hotline																												
Provide Joint/Combined Interoperability Test support to Combatant Commanders																												
Provide JIE Compliance Test and Evaluation framework and infrastructure																												
Provide Cyberspace Test and Evaluation framework and infrastructure																												
Plan and conduct the Defense Interoperability Communications Exercise (DICE)																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Defense Information Systems Agency			Date: February 2018
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / <i>C4I Interoperability</i>	Project (Number/Name) T30 / <i>MRTFB Test and Evaluation</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>MRTFB Test and Evalauationb</i>				
Provide Operational Test & Evaluation (OT&E) of DISA acquired systems	1	2017	4	2023
Conduct Joint interoperability test and certification on IT/NSS using the Joint Family of Tactical Data Link (TDL)	1	2017	4	2023
Operate 24/7 Interoperability Hotline	1	2017	4	2023
Provide Joint/Combined Interoperability Test support to Combatant Commanders	2	2017	4	2023
Provide JIE Compliance Test and Evaluation framework and infrastructure	1	2017	4	2023
Provide Cyberspace Test and Evaluation framework and infrastructure	1	2017	4	2023
Plan and conduct the Defense Interoperability Communications Exercise (DICE)	3	2017	1	2023

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency										Date: February 2018		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability				Project (Number/Name) T40 / Major Range Test Facility Base Operations			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
T40: Major Range Test Facility Base Operations	534.213	42.412	51.758	55.005	-	55.005	53.410	60.302	55.202	56.561	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
As the only non-Service activity of the Department of Defense (DoD) Major Range and Test Facility Base (MRTFB), Defense Information Systems Agency (DISA) provides the only dedicated Information Technology (IT) environment investing in a single end-to-end infrastructure for testing the Enterprise Edge to the Tactical Edge. As an MRTFB, Joint Interoperability Test Command (JITC) provides tested IT infrastructure products to the DoD, Federal/non-Federal Government, Commercial vendors, and Allied partners.												
The DISA MRTFB infrastructure:												
• Encompasses two geographic locations (Ft. Huachuca, AZ; Indian Head, MD; Ft. Meade, MD).												
• 116K square feet of raised floor space comprised of multiple test environments and test networks supporting over a 100 programs on an annual basis.												
• Complies with multiple levels of security and is scaled to support approximately 1,000 annual testing events to evaluate the DoD's converged information environment, Cyber, Cloud services, Mobility, and National Security Systems (NSS).												
• Encompasses a significant portfolio of reference implementations, test tools, and supporting IT systems to aid both test execution and data collection/analysis.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2017	FY 2018	FY 2019	
Title: MRTFB Improvements and Operations									42.412	51.758	55.005	
Description: Information Technology and National Security Systems (IT/NSS), Command and Control (C2), Defense reform initiatives, and the Department of Defense's (DoD's) migration towards more agile development and acquisition of IT capabilities by providing Test and Evaluation (T&E) support, including infrastructure, testing capabilities and events, policies and processes to Regional Combatant Commands (COCOMS), Military Services, DoD Agencies, other Federal Government agencies, private industry, Coalition partners and allies.												
FY 2018 Plans: As an MRTFB, JITC will continue to operate the DISA IT Test infrastructure standarized test bed at Fort George G. Meade, MD and Fort Huachuca, AZ. JITC will continue to support the Agency and the Department by expanding the use of cloud technologies												

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency		Date: February 2018	
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T40 / Major Range Test Facility Base Operations	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018
<p>to provide seamless distributed testing services and efficient use of testing equipment and resources. JITC will continue to maintain technical workforce, support base operations, communications, and operating expenses at each location.</p> <p>The increase of +\$9.356 from FY 2017 to FY 2018 will adapt additional cloud technologies through rapid re-configurations resulting in the development of a single DoDIN Lab Test-bed. This increase is partially offset by a decrease of -\$0.822 attributed to the Service Requirements Review Board (SSRB) contract reduction.</p> <p>FY 2019 Plans: As an MRTFB, JITC will continue to operate the DISA IT Test infrastructure standardized test bed at Fort George G. Meade, MD and Fort Huachuca, AZ. JITC will continue to support the Agency and the Department by expanding the use of cloud technologies to provide seamless distributed testing services and efficient use of testing equipment and resources. JITC will continue to maintain technical workforce, support base operations, communications, and operating expenses at each location.</p> <p>FY 2018 to FY 2019 Increase/Decrease Statement: The increase of +\$3.247 from FY 2018 to FY 2019 will provide increased infrastructure, network bandwidth, and instrumentation to support development and testing of enterprise systems and Cyber capabilities in a replicated DoDIN environment.</p>			
Accomplishments/Planned Programs Subtotals		42.412	51.758
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
A T&E Mission Support Services (MSS) cost plus and firm fixed price contract provides T&E support by performing a wide range of non-personal services to encompass testing, scientific, engineering, logistic, administrative, and ancillary support of the DISA T&E missions. The T&E MSS contract provides maximum flexibility and allow for expansion and contraction of staff years as workload dictates. An additional contract is a Federal Preferential Sole Source Procurement set-aside which provides consolidated facilities support.			
E. Performance Metrics			
Major Range Test Facility Base (MRTFB) Operations sustain the infrastructure, capabilities and services of DISA's MRTFB. While maintaining a focus on improving automation, instrumentation and virtualization, this MRTFB is working toward ensuring assets support customers with testing on demand services to enable rapid delivery of enhanced military capabilities. Specific metrics are described below:			
5. Provide configuration changes to the MRTFB infrastructure NLT 5 days after formal customer service request received.			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency		Date: February 2018
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / <i>C4I Interoperability</i>	Project (Number/Name) T40 / <i>Major Range Test Facility Base Operations</i>
<p>Measure/Goal: 90% FY17 Actual: 98% FY18 Target: 95% FY19 Target: 95%</p> <p>6. Complete new configuration additions (equipment installs) NLT 14 days after receipt of customer requirements form. Measure/Goal: 90% FY17 Actual: 100% FY18 Target: 95% FY19 Target: 95%</p> <p>7. Availability of enterprise service test capabilities T&E enclave. Measure/Goal: 95% FY17 Actual: 99% FY18 Target: 95% FY19 Target: 95%</p> <p>8. Availability of the Tactical Data Link Standard Conformance test tool to various DoD platforms (e.g., weapons systems). Measure/Goal: 95% FY17 Actual: 100% FY18 Target: 95% FY19 Target: 95%</p>		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Systems Agency												Date: February 2018			
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability				Project (Number/Name) T40 / Major Range Test Facility Base Operations					
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation 1	C/T&M	Northrop Grumman Mission System : Ft. Huachuca, AZ	75.279	-		-		-		-		-	0.000	75.279	75.279
Test and Evaluation 2	C/T&M	Interop Joint Venture : Ft. Huachuca, AZ	99.188	-		-		-		-		-	0.000	99.188	99.188
Test and Evaluation 3	C/T&M	Northrop Grumman Information Technology : Ft. Huachuca, AZ	49.746	-		-		-		-		-	0.000	49.746	49.746
Test and Evaluation 4	C/Various	VARIOUS - pending development of query : VARIOUS	54.481	-		-		-		-		-	Continuing	Continuing	Continuing
Test and Evaluation 5	Option/CPFF	ALION SCIENCE & TECHNOLOGY CORP : Various	0.218	0.192	Oct 2016	0.207	Oct 2017	-		-		-	Continuing	Continuing	Continuing
Test and Evaluation 6	Option/CPFF	AMERICAN SYSTEMS COPR : Various	0.551	0.485	Oct 2016	0.523	Oct 2017	-		-		-	Continuing	Continuing	Continuing
Test and Evaluation 7	Option/CPFF	MANTECH TELECOMMUNICATIONS AND INFORMATION : Various	3.502	3.081	Oct 2016	3.320	Oct 2017	-		-		-	Continuing	Continuing	Continuing
Test and Evaluation 8	Option/CPFF	OBERON ASSOCIATES : Various	5.297	4.660	Oct 2016	5.023	Oct 2017	-		-		-	Continuing	Continuing	Continuing
Test and Evaluation 9	Option/CPFF	TASC, INC. : Various	1.397	1.229	Oct 2016	1.325	Oct 2017	-		-		-	Continuing	Continuing	Continuing
Test and Evaluation 10	Option/CPFF	BEACON GROUP SW, INC : Various	8.614	7.579	Oct 2016	7.450	Oct 2017	7.711	Oct 2018	-		7.711	Continuing	Continuing	Continuing
Test and Evaluation 11	Option/CPFF	Multiple : Various	-	-		-		13.001	Oct 2018	-		13.001	Continuing	Continuing	Continuing
Test and Evaluation 12	C/CPFF	TBD : TBD	8.696	8.032		8.658	Oct 2017	8.961	Oct 2018	-		8.961	Continuing	Continuing	Continuing

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Systems Agency												Date: February 2018			
Appropriation/Budget Activity 0400 / 7						R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability						Project (Number/Name) T40 / Major Range Test Facility Base Operations			
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			306.969	25.258		26.506		29.673		-		29.673	Continuing	Continuing	N/A
Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Services	Various	Defense Information Systems Agency : Ft. Huachuca, AZ	227.244	17.154	Oct 2016	25.252	Oct 2017	25.332	Oct 2018	-		25.332	Continuing	Continuing	Continuing
Subtotal			227.244	17.154		25.252		25.332		-		25.332	Continuing	Continuing	N/A
			Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			534.213	42.412		51.758		55.005		-		55.005	Continuing	Continuing	N/A
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2019 Defense Information Systems Agency										Date: February 2018			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
0400 / 7					PE 0208045K / C4I Interoperability					T40 / Major Range Test Facility Base Operations			

	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Develop and Implement Interoperability test systems to support warfighters																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Defense Information Systems Agency			Date: February 2018
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208045K / C4I Interoperability	Project (Number/Name) T40 / Major Range Test Facility Base Operations	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Develop and Implement Interoperability test systems to support warfighters	1	2017	4	2023